

Claims

1. A cellphone holder comprising a body part and bottom part combined together and in association therewith a locking mechanism by means of which a phone can be held in and released from the holder, the locking mechanism comprising two L-shaped locking elements adapted so as to become attached to a cellphone by means of friction between the locking elements and the shell of the cellphone.
2. A holder according to claim 1 wherein the L-shaped locking elements comprise clamping surfaces, locking surfaces and two guide pins.
3. A holder according to claim 2 wherein the clamping surfaces and locking surfaces of the locking elements are made of rubber or thermoplastic material.
4. A holder according to claim 2 wherein the locking mechanism comprises in addition to the locking elements coupled together movably in relation to each other, two release pushers the bushings in which are fitted onto the guide pins in the locking elements, and a locking frame adapted so as to be movable under the locking elements.
5. A holder according to claim 4 wherein the locking elements comprise locking claws adapted so as to catch the locking frame in order to achieve locked state.
6. A holder according to claim 5 wherein the length of the locking claws in the locking elements is only a fraction of the total length of the locking elements.
7. A holder according to claim 4 wherein the release pusher comprises, in addition to the button 14 located at its first end, an arm portion, a bushing in the arm portion and a horseshoe-shaped fork at the other end of the arm portion.
8. A holder according to claim 4 wherein the locking frame comprises two substantially parallel edge parts combined at a first end by a planar part in combination with a swing axle, and combined at a second end by an end wall which includes two pins and two leaf spring counterparts.
9. A holder according to claim 1 wherein the body part includes two sockets, a release spring adapted so as to exert force on the locking elements, and two leaf springs adapted so as to exert force on the leaf spring counterparts in the locking frame in order to control the operation of the locking mechanism.

10. The use of a holder according to the claim 1 for attaching a cellphone to an object.

Figure 1. Schematic representation of the experimental design. The study was divided into two parts: a pretest and a main study. The pretest was conducted with 10 participants to determine the appropriate number of items for the questionnaire. The main study was conducted with 100 participants, divided into two groups: a control group and an experimental group. The control group received a standard questionnaire, while the experimental group received a questionnaire with a feedback loop. The results of the pretest and main study are presented in the following tables.